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Cortland, N. Y.
Permit No. 141

THIRTY-THIRD YEAR

REED
BROS. 1942

CORTLAND, N. Y., PHONE 498-J



LARGER THAN A BUSHEL BASKET—GLORY OF ENKHUIZEN—See Page 5

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Division of Fruit & Veg. Diseases

U. S. Department of Agric.

Washington, D.C.

R. D.

Return Postage Guaranteed

To our Friends

You have made our strains of seed famous by your continued confidence in their ability to produce and in their dependability.

This is a challenge to us to maintain their high quality and to be ever on the alert for progress and improvement. It is with pleasure that we offer you the 1942 catalog.

There is some anxiety regarding seeds and we hope to be able to serve you faithfully as in the past.

INSIST ON THE GENUINE
REED BROS. SEEDS

The Only Bargain in Seeds is
QUALITY

REED BROS. NEW SUPERIOR DANISH

TESTED SEED—HOT WATER TREATED



MATURE SEED HEADS—NOTE EXCEPTIONAL UNIFORMITY

REED BROS. New Superior Danish is a very superior short stemmed variety. The head is nearly round and has a dash of color on top.

We have been 10 years in developing this excellent strain. Tests over our state last year have proved its merits. It is a vigorous grower and will stand thick setting and generous fertilization. We never have put a strain on the market that we have so much confidence in. It has all the desirable features of our short stemmed Danish plus a deeper, heavier, harder head. The outside wrapper leaves often fold over so far that two will completely cover the entire head. A very desirable feature where cabbage have to be trimmed, also a great insurance against bursting.

Accurate weights showed an average increase in yield of one pound per head. If 8,000 plants were used per acre this would make an increase in yield of four tons.

We fully believe this strain will far outyield any one on the market. Don't hesitate to plant your full crop from it.

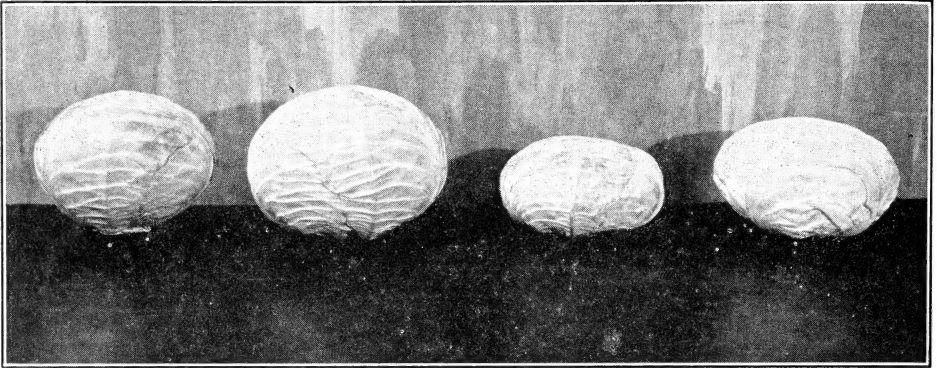
Price—1 lb. \$10.00; $\frac{1}{2}$ lb. \$5.00; $\frac{1}{4}$ lb. \$2.75; 1 oz. 75c; pkt. 25c.

THE BEST IS THE MOST ECONOMICAL

Note—If a pound of cabbage seed sets 4 acres, this makes the cost of seed per acre only \$2.50. Less than it costs to seed down a meadow. It is beyond our conception why a grower will try to economize by buying cheap low yielding seed when his final profit depends fully upon a strain of high yield.

REED'S IMPROVED DANISH No. 22

TESTED SEED — HOT WATER TREATED — NORTHERN GROWN SEED



LEFT REED'S NO. 22 DANISH

— RIGHT COMMON DANISH

Reed Bros. No. 22 Danish is a short stemmed variety with an unusually solid head. Foliage is medium, will stand thick setting. Being a very sure heading variety it is one of the best tonnage producers and pleases the most critical trade. An excellent keeper.

Strains with flatter typed heads may look to be heavier yielders but we believe this one will outyield almost any except our new Superior Danish.

This seed is tested having been held one year for trial.

Price—1 lb. \$8.00; ½ lb. \$4.00; ¼ lb. \$2.25; 1 oz. .75; pkt. .20c.

REED BROS. DANISH CABBAGE



TESTED SEED

•

HOT WATER
TREATED

•

NORTHERN
GROWN

•

OUR
OLD RELIABLE
STRAIN

This old reliable strain is now too well known to need a lengthy description. In yield, solidity of head and freedom from bursting, we believe it is unsurpassed except by our Improved No. 22 Danish and Superior Danish.

The seed we offer this year is tested stock. The quality is excellent and the germination very high.

Price—1 lb. \$6.00; ½ lb. \$3.00; ¼ lb. \$1.75; oz. 50c; Pkt. 15c.

REED'S GLORY OF ENKHUIZEN

HOT WATER TREATED—NORTHERN GROWN

See Photo on Front Cover

DESCRIPTION

Our Glory of Enkhuizen is the extraordinary strain of cabbage about which everybody is talking. Reports from everywhere prove this to be the best strain available for large yields of cabbage. Unlike most strains which grow freely, this cabbage will develop into heads as firm and compact as a rock. The head itself is practically round with large overlapping leaves. It will stand almost any amount of fertilization without cracking. It is especially adapted for use as sauer kraut because of its enormous growth and large heads.

HOLDS RECORD

Reed Bros.' Glory of Enkhuizen is one of the heaviest yielding cabbage in existence today. Yields of 30 tons per acre are almost the common thing on farms of average fertility. This variety responds wonderfully well to liberal application of fertilizer as it is nearly **100% Crack Proof**. The largest head of cabbage exhibited at the New York State Fair in 1938 was grown from this strain.

Price—1 lb. \$6.00; $\frac{1}{2}$ lb. \$3.00; $\frac{1}{4}$ lb. \$1.75; oz. 50c; pkt. 15c. Hot water treated. Postpaid.

RED ROCK

HOT WATER TREATED SEED

This is one of the old standby strains producing a very deep colored cabbage high quality and good tonnage. While it will not yield equal to our Reed Bros. Red Danish, with liberal fertilization excellent crops may be obtained.

The seed we offer has been held a year for trial so you are taking little chances with this strain.

Price—1 lb. \$4.00; $\frac{1}{2}$ lb. \$2.00; $\frac{1}{4}$ lb. \$1.25; oz. 40c; Pkt. 10c.

The supply of this strain is also limited owing to war conditions.

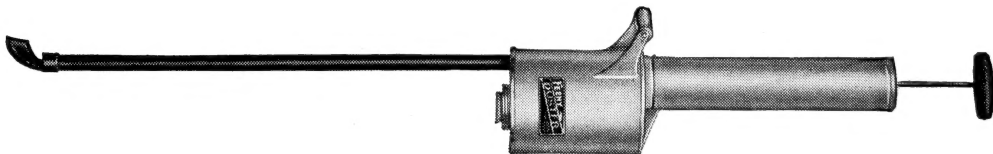
MAMMOTH ROCK RED

HOT WATER TREATED—TESTED SEED

A HEAVY YIELDING STRAIN OF GOOD COLOR—Type of head is slightly flat with reasonable solidity—There is some demand for red as pickles and kraut. This cabbage is suitable.

Price—1 lb. \$5.00; $\frac{1}{2}$ lb. \$1.50; 1 oz. 40c.

“TWO-QUART” DUSTER



The “Two-Quart” Cabbage Duster is a most practical all-around duster. It is 50 inches long, enabling the operator to dust the undersides of the lowest growing plants without stooping. A flared nozzle for general use, and a special nozzle for Mexican Bean Beetle control come with each duster. This is the duster for general garden and field crop use. Hopper capacity approximately two quarts.

Price—\$3.00, Postage 10 cents.

NEW EARLY CORTLAND

TESTED SEED—HOT WATER TREATED—NORTHERN GROWN

This strain was developed to meet the growing demand for a cabbage for kraut and early shipping. It has a very deep round head, and is nearly as free from bursting as our Glory. The season is just after Copenhagen or at a time when the kraut men pay most for cabbage to use for early kraut.

Extensive trials in the large kraut area last season met with praise from every grower and all who saw it. With thick spacing 3 to 5 lb. heads may be produced but with wide spacing plenty of 10 pounders will result. Heads are very uniform.

We highly recommend this strain and believe it will outyield anything coming before Glory.



Price—1 lb. \$4.00; $\frac{1}{2}$ lb. \$2.00; $\frac{1}{4}$ lb. \$1.25; oz. 40c; pkt. 10c.

COPENHAGEN MARKET

HOT WATER TREATED — NORTHERN GROWN

WILL-NOT-BURST BADLY

An old standard variety. This very popular fall Cabbage is used extensively for early fall shipping and kraut. It is also well adapted for the market gardener and roadside stands.

It matures a little ahead of Glory. Heads may be cut any time they attain suitable size. They are nearly round and very solid. The quality is excellent for any use. Plants are a rapid grower, especially if well supplied with nitrogen. With thick setting, good fertilization and letting the crop come to maturity, 20 to 25 tons per acre are not uncommon. From Maine to Florida, this strain is getting its reputation for yield as well as freedom from bursting.

The uniformity is most excellent. It is a premium winner at our State Fair.

Price—1 lb. \$3.50; $\frac{1}{2}$ lb. \$1.75; $\frac{1}{4}$ lb. \$1.00; oz. 30c; Pkt. 10c. Postpaid. See terms on order sheet.

YELLOWS RESISTANT STRAINS

MARION MARKET

This is the very popular Yellows Resistant variety. It matures in about $2\frac{1}{2}$ months, and is especially adapted for early fall shipping. It is used successfully for kraut.

Price—lb. \$5.00; $\frac{1}{2}$ lb. \$2.50; $\frac{1}{4}$ lb. \$1.50; 1 oz. 40c. Postpaid.

REED BROS. YELLOWS RESISTANT GLORY

Here's a heavy yielding Kraut cabbage—very immune to "Yellows"—which throws an enormous yield. There seems almost no limit to the yield of this strain under good conditions.

Price—1 lb. \$6.00; $\frac{1}{4}$ lb. \$1.75; 1 oz. 50c.

CABBAGE CULTURE

We are so frequently asked about our methods of cabbage culture we have decided to print the following general suggestions:

AMOUNT OF SEED TO USE PER ACRE

This question is asked more than any other about the crop. We have given it careful study and for many years have advised $\frac{1}{2}$ lb. for each acre to be set.

This may be a little excess, but some years, insects and weather conditions reduce the stand, so we believe it not wise to use less. The most important thing is to have plants enough so as to have "First Pick" as these plants always produce the largest yields.

So many replies, "Thank you for your advice" have come to us that we are very sure our rule is correct. Should you have a few extra, put up a sign, "Cabbage plants for Sale" and one year with another you will sell enough to more than pay for your seed.

SOILS ADAPTED TO CABBAGE

Cabbage thrives upon almost any soil that is reasonably dry. Those of the gravel nature are apt to lack moisture in a dry season. Low lands which flood are pretty sure to contain the slime mold disease, "club root", and should not be used for cabbage or cabbage plants. A great many growers prefer sod ground, but the crop may be grown upon land which was used for other crops than cabbage or one belonging to that family the year previous. Usually such land will need a little more liberal supply of fertilizer.

Allowing stock to roam over the farm is a poor policy if cabbage growing is expected to be followed. Animals easily scatter diseased manure and track diseased dirt to new fields. No soil should be used for plant growing or the crop oftener than once, in 5 or 6 years without testing.

The Seed Bed

LOCATION, FERTILIZING AND SOWING

The greatest tonnage is secured by sowing the seed and setting the plants EARLY. For Central New York this would make the seed sowing the fore part of May and setting about the middle of June. Cabbage for storage can be set June 20th to July 1st in New York State.

Locating the seed bed where it is exposed to the WEST or NORTH wind is advised in controlling the cabbage maggot and flea beetle, as early insects hover in warm spots and shun cold locations. Avoid ground containing mustard, old gardens or rich spots around the buildings.

DO NOT put the crop or seed bed upon the same ground oftener than once in six years, else club root is liable to develop. **Club root is not carried on the seed.** Do not use manure from stock eating cabbage or cabbage leaves. Plowing or dragging a seed bed with tools which have just been used on an old cabbage field is apt to spread disease.

For a seed bed sown broadcast, use 3,000 sq. ft. of ground per lb. of seed. Apply to this spot 100 lbs. of some complete fertilizer, such as 5-10-5. Broadcast the fertilizer and drag it in. Avoid the excessive use of fertilizer, especially nitrogen. Sow the seed shallow, doing the work only when the ground is dry. Seed sown in rows can be treated for the cabbage maggots. 25 to 30 seeds per foot, is about right.

Don't sow your seed too quickly. Plants growing too slow about June 1st, may be hastened by scattering on a little nitrate of soda. Five lbs. for every 3,000 sq. ft. is about right. Apply just as it starts to rain if possible.

CONTROLLING THE CABBAGE MAGGOT

This pest is quite successfully kept in check by sowing Calomel with the seed or treating the young plants very early in their growth with several applications of corrosive sublimate solution. For detailed instructions ask for bulletin from the N. Y. State College of Agriculture, Dept. of Entomology, Ithaca, N. Y., "Control of the Cabbage Maggot".

CABBAGE CULTURE—Continued

CABBAGE WORMS

Rotenone Dust will give good control. Use our hand duster or a power outfit for large acreages.

PLANT LICE

Where only scattered plants are affected use our dust gun loaded with nicotine dust. Invert a bushel basket over the plant and through a small hole in the bottom give a couple of puffs of dust. Leave the basket on a few seconds and all lice will be killed. For large areas use a power outfit with an apron. New dusts have lately been developed containing elements to kill plant lice and also stomach poisons for worms. Get in touch with your State College or Farm Bureau.

FERTILIZATION OF THE CROP

For average land use 12 to 15 tons manure per acre, 600 lbs. 16% super phosphate and 100 lbs. potash, or 700 lbs. of 0-10-8 fertilizer. If no manure is at hand, or land is low in fertility, use liberal amount of complete fertilizer. Fertilizer may be sowed broadcast or in bands each side of row.

Fertilization is one of the important things in cabbage culture, as the **texture, shape and size of heads** in a strain can be greatly changed by the lack or over-supply of fertilizer. Usually the hill lands or knolls in a field will need more fertilizer and one higher in nitrogen than the flat or valley lands. We doubt the advisability of using much nitrogen on the richer lowlands or where clover or alfalfa sod is used for cabbage. For farms where potash has not been used generally, a little should be added to the cabbage fertilizer to round out the crop and help prevent tip burn (leaf blight).

FIELD PREPARATION VERY IMPORTANT

Fall or early spring plowing is always desirable, then **AS SOON AS THE GROUND IS FIT IN THE SPRING, DRAG IT OVER.** Keep dragging once a week until setting time and you will conserve all the early spring moisture, also germinate and kill most of the weeds in your soil. **DON'T** plow, drag, or set cabbage when the ground is too wet.

Late setting, late fitting and improper fertilization always spell poor crops.

Growing 20 to 30 tons of cabbage per acre means a plant growth of 30 to 40 tons. **Remember** no plant can take from the soil for its growth what is not there to take.

SETTING

Size of Heads. This is becoming **VERY IMPORTANT.** In many sections dealers are paying \$2.00 per ton more for heads of proper size. The grower can govern the size of heads almost entirely by **TIME OF SETTING, PROPER SPACING, PROPER FERTILIZATION AND MOISTURE CONTROL.**

Our strains of Danish are free growers and will stand a little thicker setting, therefore a **HEAVIER YIELDER.** We prefer setting in rows both ways. If our ground is well fertilized and the plants are ready early, we space the rows 30 inches apart one way by 20 inches the other. This uses about 10,600 plants per acre. One setting early on rich, well fertilized bottom land might space 30 inches by 18, using about 11,500 plants per acre. For conditions not as favorable, rows may be 3 ft. by 20 inches, using about 8,700 plants per acre or 3 ft. by 24 inches, using about 7,200. Gravel soil requires wider spacing of plants, more fertilizer and better moisture control.

Our setting dates are from June 10th to 20th. July set Danish seldom makes very heavy yields. However, if one has taken pains to fit his ground and weather conditions furnish sufficient moisture, good crops may result. Early setting brings a crop to its fullest maturity, but where cabbage is intended for storage those not too ripe are just as desirable. Unusually thick setting retards maturity somewhat.

The market demands a medium sized head, 3 to 6 pounds. Please the trade and it will patronize you.

CULTIVATION

Shallow cultivation is most desirable. When the leaves are large, choose the heat of the day to prevent breaking them. Use a walking cultivator with hoe steels for rear teeth, which extends horizontally under the leaves. Hoe steels are listed in Planet, Jr. Cultivator catalogue. Continue cultivation until weeds are controlled. Do not cultivate deep as it will injure the roots and dry out the soil.



OUR HARDY GRASS SEED. SOWED THE YEAR BEFORE IN SILO CORN.
Not a common practice but it shows what this seed will stand.

REED BROS. HARDY RED CLOVER

GENUINE OLD FASHIONED TWO CUTTING MEDIUM RED CLOVER
BUY ONLY — VERIFIED-ORIGIN — SEED

In describing to you what makes a hardy strain of Red Clover we can do no better than quote from a bulletin by Dr. Wiggans, of the New York State College of Agriculture, which says: "If red clover is grown in a region of severe winters with little snow and with much thawing and freezing in the spring, only hardy plants will survive, and if seed is grown from such plants year after year a strain resistant to such conditions will develop. Seed produced under less severe conditions should be used only when better adapted seed is not available. Too much emphasis cannot be placed on the importance of knowing the origin of seed used in the production of red clover." This is the exact condition under which our seed is grown.

Seed having been grown for many years in Canada or one of the Canadian border states should be adapted to our use. Dr. Wiggans rates clover grown in Michigan 100% winter hardy for New York. Seed from the corn belt of Ohio, Indiana, Illinois, Iowa or the state of Oregon is not too well adapted to stand our rugged climate. Their soil is too rich and they are too far south, but these are just the states from which clover seed has been obtained for you in years past. Most so called Northern grown seed comes from these states and is poorly adapted to the north east.

IS NOT YOUR PRESENT PRACTICE OF SEEDING VERY COSTLY?

It is quite a general custom to use 12 to 16 quarts of grass seed per acre. We used to do it. LISTEN: If 6 quarts of red clover seed are spread evenly over one acre, each sq. ft. would have 60 seed on it. When proper field preparations have been used there is no reason why 6 quarts of clover, if hardy, should not give a good stand.

YOUR LEGUME IS THE MOST IMPORTANT CROP ON YOUR FARM

Write and ask Dr. R. G. Wiggans or Prof. H. B. Hartwig of the N. Y. State College of Agriculture, Ithaca, N. Y., if the clover seed we list is not the kind you should sow. It is cheaper this year than most ordinary kinds. Less of our seed is needed to get a stand.

Price—\$17.50 per 60 lb. bu.; $\frac{1}{2}$ bu. \$8.75; 1 pk. \$4.50.

ALSIKE CLOVER

REED BROS'. ALSIKE CLOVER comes from the same source as our Red Clover and Hardy Alfalfa. Therefore it is acclimated to your conditions. Purity 99% or better. This is excellent seed. Why buy weeds in your grass seed? Most of us have enough without planting them.

Price—\$17.50 per 60 lb. bu.; $\frac{1}{2}$ bu. \$8.75; pkt. \$4.50.

WE PAY FREIGHT on 100 lbs. or more of grass seed. Orders subject to Prior Sale.

GRIMM ALFALFA

U. S. VERIFIED-ORIGIN—GOVERNMENT SEALED—NORTHERN GROWN
State tested for purity and germination

Grimm Alfalfa has long been accepted as one of the hardest and best varieties to grow. It is produced in the same locality as our **HARDY RED CLOVER**, which the N. Y. State College rates 100% for New York State. This seed is carefully cleaned and re-cleaned by the most modern cleaning apparatus available until it tests very near 100% purity. It comes to you in sealed sacks with the origin verified by the government.

Use FULLY ACCLIMATED Seed

Seed produced in the cold of Montana, Idaho or the Dakotas may be Northern grown seed, but it is not fully acclimated to New York and other northeastern states. Their winters may be as cold, but the climate is drier, and apparently zero in Michigan, with its dampness is worse on legumes than 40 below in the drier area. Hence it naturally follows that a strain of alfalfa which has been grown in Michigan for many years will be much more vigorous and hardy than a strain grown in these other SO-CALLED hardy seed producing states.

Price—\$26.50 per bu. 60 lbs.; $\frac{1}{2}$ bu \$13.25; 1 pk. \$6.75.

HARDIGAN ALFALFA

THE LATEST THING IN ACCLIMATED SEED

HARDIGAN ALFALFA has all the desirable qualities of a good alfalfa variety:

1. **Winter hardiness—outwinters all types known.**
2. **High yielding ability—15% more yield per acre for 8 years.**
3. **Abundant leafiness.**
4. **Stalks of medium height with sufficient strength to avoid excessive lodging.**
5. **More shoots per plant—a finer quality hay.**

This variety was developed by the Michigan State College to meet the demand for an alfalfa which could be grown on the poor sandy soils of Michigan. It has proven 100% for the North Eastern States.

Hardigan Alfalfa has been on trial in New York State for over 10 years and like **Reed Bros. red clover** it has put itself in the very front ranks as to yield, quality and winter hardiness. Its extreme hardiness makes it unnecessary to sow as much seed per acre. This makes the cost of seed cheaper than ordinary alfalfa.

Price—\$27.75 per bu. 60 lbs.; $\frac{1}{2}$ bu \$14.00; $\frac{1}{4}$ bu. \$7.25.

Canadian Variegated Alfalfa

Genuine Canadian Grown Seed—Fine Quality

This is a natural cross between **Grimm** and hardy acclimated strains in Canada. A very thrifty grower and fully adapted to our northeast conditions.

Price—\$26.50 per bu. 60 lbs.; $\frac{1}{2}$ bu. \$13.25; $\frac{1}{4}$ bu. \$6.75.

TIMOTHY

Fancy—Very High Purity. THE BEST OBTAINABLE.

Price—\$5.50 per bu. 45 lbs.; 1 pk. \$1.50.

FREIGHT PAID—100 lbs. or more.

INNOCULATION

It pays big dividends to **Innoculate** your clover, alfalfa and soy beans. It's just like feeding your cows grain to produce more milk. **Innoculating** helps the plants to take nitrogen from the air and put it into the soil.

Be sure you order it with your seed and state kind of seed.

Prices—Bu. size 50c; $\frac{1}{2}$ bu. 30c., clover or alfalfa.

Bu. size 20c., soy beans.

MODERN OATS

The present day plant breeder has stepped up the yield of grain just as the automobile manufacturer has improved the old model T-Ford up to the present cars.

If you feel you cannot purchase enough improved seed grain to plant your entire acreage, why not get enough to plant that little field out back of the house or a narrow strip along the big field. In this way you will have a full supply of improved seed for next year. All varieties of grain we list are late developments by the N. Y. State College of Agriculture and are fully adapted to use in the northeast. All our oats are priced about the same as feed oats.

NEW LENROC OATS

See Picture Below

Here are the new heavy yielding White Oats which were developed by the College of Agriculture, Cornell University, Ithaca, N. Y. A grower at Clay, N. Y. reported a yield of 85 bu. per acre.

“**THE LENROC**” is a new white oat of the tree type. While somewhat slimmer than other commercial varieties, it is nevertheless exceptionally heavy and possesses a high percentage of meats. The grain, as it comes from the thresher, usually **weighs 40 to 45 lbs. per measured bushel.**

They are a free grower, **well adapted to upland use.** The shuck is exceptionally thin.

Price—Recleaned Seed: \$1.00 per bu. —bags free. Orders subject to stock unsold.



Mrs. R. R. Reed who is 5' 6" tall, standing in a field of our Lenroc Oats.

ITHACAN OATS

THE ITHACAN is a very heavy yielding, thin-shucked variety with plump white kernels. The plant stools freely; maturing in mid-season. It is a tree or branching oat with good stiff straw of medium height, standing up well. Year after year the average weight is 40 lbs. or better per measured bushel. Originated and recommended by Cornell. When shucked 100 lbs. will give about 70 lbs. of clear meats. The average strains run from 60 to 65 lbs. Better adapted for rich soils than Lenroc. This variety yielded 85 bu. by measure for us in 1940.

Price—Recleaned Seed. \$1.00 per bu. —bags free.

UPRIGHT OATS

AS THE NAME IMPLIES—VERY STIFF STRAW

UPRIGHT—A tall growing, white variety for use on soils of especially high fertility. It should not be used on poor soils or where lodging is not often to be expected. The especial merit of Upright is that it resists lodging better than any other variety available in the seed market. It is a mid-season in maturity, but ripens a little later than either Lenroc or Ithacan.

Price—Recleaned seed (no mustard on our farm): \$1.00 per bu.

ALPHA BARLEY

This is one of the very best grains to use as a nurse crop for either clover or alfalfa as it does not require so much moisture for heavy straw development. It has a good stiff straw, and will not smother out young seeding like oats. A better catch of seeding usually results on land cropped heavily, as is the case with cabbage ground, if barley is used as a nurse crop.

YIELD RECORDS

Alpha Barley averaged 42.9 bushels per acre for seven years grown in several different New York counties. It outyielded all the other improved strains. Beardless and barbless varieties did not yield 3 to 11 bushels as much.

In New Jersey tests at New Brunswick, Alpha averaged 45 bushels per acre, outyielding all others.

Price—\$1.60 per bu. of 48 lbs., f.o.b., Cortland, N. Y. Jute bags free. Double sacking 5c per bu. extra. Our seed was grown from certified stock and is unusually nice. (no mustard on our Farm.)

RED TOP

Many seed mixtures contain Red Top. We have a supply of very excellent seed.

Price—20 cents per lb.

NORTHWEST DANISH

HOT WATER TREATED—NORTHERN GROWN SEED

The seed we offer has been held a year for trial.

This is a short stemmed variety but not quite as short as our other Danish strains. The head is deep and uniformity good. Many of the heads carry a dash of color.

A good reliable strain of late Danish ballhead. It has given excellent yields.

Price—1 lb. \$4.00; $\frac{1}{4}$ lb. \$1.25; Oz. 40c.

NEW 29-3 HYBRID CORN

Extra Grain in Your Silage

SILAGE CORN TRIALS

<i>Variety</i>	<i>No. Trials</i>	<i>Tons Green Wt.</i>	<i>Tons Dry Matter</i>	<i>Lbs. Shell Corn</i>
Cornell No. 11.....	17	15.07	3.85	3037
West Branch Sweepstake.....	18	19.63	4.26	2597
Lancaster Sure Crop.....	5	19.80	4.13	2483
Eureka.....	18	24.37	4.45	306
29-3 Hybrid.....	18	18.50	4.50	3514

A glance at the above table will show the decided advantage of sowing the new 29-3 corn. It has a wonderful growth—18½ tons per acre—equivalent to most commercial varieties of corn, besides an inherent ability to give immense yields of dry shelled corn. No other corn can claim so high a percentage of dry matter per acre and shelled corn per acre.

CERTIFIED SEED

This fine corn is beyond the experimental stage and is fast becoming a very popular variety. Hybrid corn costs a great deal more to develop and produce than open pollinated varieties, but this additional amount is balanced because a bushel of seed goes further (4-5 acres) and yields much more dry matter and corn per acre. The germination is very high.

Price—\$5.00 per bu. 56 lbs.; ½ bu. \$2.75 f. o. b. Cortland, N. Y.

ADAPTED SEED CORN

WEST BRANCH SWEEPSTAKES

One of the best varieties for New York State. Yields an enormous amount of dry matter and ears. Thoroughly air dried to give high germination. Maturity—120 days.

Price—\$3.25 per bu. 56 lbs. f. o. b. Cortland, N. Y.

CORNELL NO. 11

This is the ideal husking corn for most of New York State. For elevation above 1,000 feet this makes a wonderful silage corn. Plant thin and use liberal fertilization. A yellow dent variety originated by our State college.

Price—\$3.00 per bu. 56 lbs. f. o. b., Cortland N. Y.

MANCHU or WILSON SOY BEANS

FOR SILAGE—OR EMERGENCY HAY CROP

Soy Beans are as high in protein and food value as clover or alfalfa. Corn silage alone is only 1½% protein. You can nearly double the protein content of your silage by planting corn and soy beans together. This combination gives more dry tonnage than corn alone. Plant corn so as to have the stalks 9-12 inches apart and at least 3 soy bean plants between each stalk. This takes 6-8 quarts of corn and 10 to 12 quarts of soy beans to the acre. We have experienced no difficulty in growing or harvesting. On long rows when the beans and corn are planted in the same box the beans have the tendency to work to the bottom and plant out first. This may be overcome by using a separate box, or by always putting the corn in first, then adding the soy beans. They will mix sufficiently. Refill at least every 40 rods. *Plant very shallow. Never run beans and fertilizer together.* They should be inoculated. We recommend the Manchu or Wilson varieties to plant in your corn or alone for hay. Put some in this year and watch your cows' milk. Soy beans for hay should be sowed at rate of 2 bushels per acre. This year growers reported bigger corn where soy beans were used than where corn was planted alone. We believe the explanation is that the corn used some of the nitrogen gathered by the beans.

Prices—1 Bu \$3.50; ½ Bu \$1.80. Bags Free. F. o. b., Cortland, N. Y.

See page 10 for innoculation.

Masters' Improved Rapid Plant Setter

The most practical tool for transplanting CABBAGE, TOMATOES, CAULIFLOWER, TOBACCO, SWEET POTATOES, PEPPERS, and all similar plants.

Each plant is set, watered and covered at one operation. There is no stooping or bending over. All the tedious, hard labor of hand setting is done away with. One man can set and water more plants than three can by hand, and EVERY PLANT LIVES.

Time saved with one of these setters more than pays for original cost. The crop is checkrowed, allowing cultivation both ways, giving better market quality without laborious hand weeding.

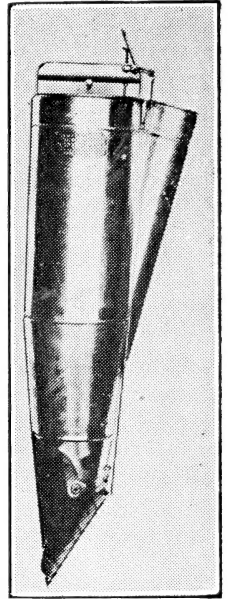
THIS PRINCIPLE IS THE ONLY CORRECT WAY TO SET PLANTS. Every nurseryman and gardener will tell you to use exactly this principle in setting out trees and plants.

SEAL THE ROOTS TO THE UNDER SOIL BY THE USE OF WATER, THEN MULCH THE SURFACE TO PREVENT EVAPORATION.

We have set over 20 acres of cabbage a year for many years, using these hand setters entirely.

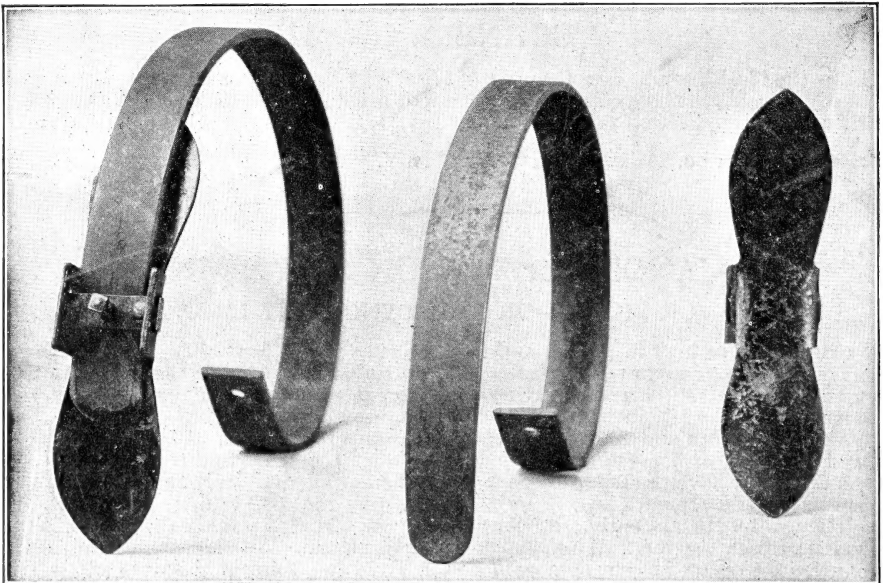
Plants may be carried in a basket attached to your belt or a strap over your shoulder. This leaves one hand free to drop plants and the other to work the setter. One man can easily average 1,000 plants an hour.

Price—\$6.50 each Postpaid.



IS YOUR HARROW IN GOOD SHAPE?

If not, put on a set of our IMPROVED STEEL POINTS and make it as good as new. **LATELY MADE HEAVIER FOR TRACTOR USE.** Will wear much longer than old style.



Drag! Drag! Drag! Is the Way to Get Crops

Absolutely guaranteed not to break or come off. Can be put on in 10 minutes. Fit any harrow tooth. Horse drawn or tractor. We have used them for years on both team and tractor harrows. Take our word "**They are no toy.**" **One new reversible point** will wear as long as **two new teeth.** Price only 37c each, f.o.b. Cortland, N. Y.